File 347: JAPIO Nov 1976-2004/Apr (Updated 040802) (c) 2004 JPO & JAPIO File 350: Derwent WPIX 1963-2004/UD, UM &UP=200452 (c) 2004 Thomson Derwent Description Set Items (DONAT? OR DONOR? OR GIVING OR CONTRIBUT? OR GIVE OR GIVES S1 OR GIVING) (5N) (APPRECIATED() (ASSET OR ASSETS OR STOCK OR STOC-KS OR SHARE OR SHARES OR BOND OR BONDS OR GIFT OR GIFTS OR SE-CURITY OR SECURITIES)) (TRANSFER? OR DOWNLOAD? OR DISPLAY? OR UPLOAD? OR SENT OR -S2 SEND OR SENDS OR SENDING OR TRANSMISS? OR TRANSMIT? OR DISTRI-BUT?) (5N) APPRECIATED() (ASSET? ? OR STOCK? ? OR SHARE? ? OR BO-ND? ? OR GIFT? ? OR SECURITY OR SECURITIES) (S1 OR S2) (5N) (INTERNET OR ONLINE OR ON()LINE OR ELECTRONI-S3 C? OR COMPUTERI?) CHARITY OR CHARITIES OR CHARITABLE? OR NON() PROFIT? OR FOU-. 57562 S4 NDATION OR FOUNDATIONS (CALCULAT? OR ESTIMAT? OR RECORDING? OR IDENTIF?) (5N) (TAX -S5 OR TAXABLE)()(SAVING? OR RECEIPT? OR DEDUCTION?) DONOR? (5N) (ACCOUNT OR ACCOUNTS) S6 14 ASSETSTREAM? S7 0 AU=(JOHNSON, D? OR JOHNSON D? OR STEWARD, D? OR STEWARD D?) 2073 S8 (APPRECIATED() (ASSET OR ASSETS OR STOCK OR STOCKS OR SHARE S9 OR SHARES OR BOND OR BONDS OR GIFT OR GIFTS OR SECURITY OR SE-CURITIES)) 2 S4 AND S5 S10 S10 NOT S9 S11 2 3 S4 AND S6 S12 3 S12 NOT (S9 OR S11) S13 0 S1 AND S8 S14 S15 5 S4 AND S8

File 344:Chinese Patents Abs Aug 1985-2004/May (c) 2004 European Patent Office

(Item 1 from file: 350) 1/5/1 DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. \*\*Image available\*\* 016320717 WPI Acc No: 2004-478612/200445 XRPX Acc No: N04-377308 Physical asset e.g. furniture, sale proceed donating method, involves providing interface for end user donor to place item for sale, and providing another interface for purchaser to purchase item and providing donor with receipt Patent Assignee: WITTER G (WITT-I) Inventor: WITTER G Number of Countries: 001 Number of Patents: 001 Patent Family: Patent No Applicat No Week Kind Date Kind Date 20021210 200445 B US 20040111281 A1 20040610 US 2002316202 Α Priority Applications (No Type Date): US 2002316202 A 20021210 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes 15 G06F-017/60 US 20040111281 A1 Abstract (Basic): US 20040111281 A1 NOVELTY - The method involves providing an interface for a charity to register itself on a system. Another interface is provided for an end user donor to place an item for sale. A third interface is provided for a purchaser to purchase the item and the donor is provided with a receipt. An intermediary charity is provided with proceeds, which are then remitted to a designated charity. USE - Used for donating a proceed of a sale of a physical asset e.g. old cloth, furniture, electronic, and memorable item to a charity (claimed). ADVANTAGE - The method provides a help to the donors for more easily donate physical assets and property to the charity, thus increasing the level of charitable contributions, preserving the integrity of the donation process for reducing the tax, and eliminating one of the primary hindrances currently keeping individuals donating assets for reducing the time consumption. appreciated DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of an end user and server system. Local director (23) Web server (40) Administrative work station (60) Web subsystem (70) Billing subsystem (100) pp; 15 DwgNo 2/9 Title Terms: PHYSICAL; FURNITURE; SALE; PROCEED; DONATING; METHOD; INTERFACE; END; USER; DONOR; PLACE; ITEM; SALE; INTERFACE; PURCHASE; PURCHASE; ITEM; DONOR; RECEIPT Derwent Class: T01 International Patent Class (Main): G06F-017/60 File Segment: EPI

11/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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014985839 \*\*Image available\*\* WPI Acc No: 2003-046354/200304

XRPX Acc No: N03-036536

Charitable donations tracking method for assisting in tax preparation, involves retrieving tax deductible valuation corresponding to donation selected in current or previous tax year

Patent Assignee: HERMRECK S A (HERM-I); RADEMACHER C G (RADE-I); WALTER C B

(WALT-I); WHITTEN G D (WHIT-I)

Inventor: HERMRECK S A; RADEMACHER C G; WALTER C B; WHITTEN G D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week US 20020133436 A1 20020919 US 2001805321 A 20010313 200304 B

Priority Applications (No Type Date): US 2001805321 A 20010313

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020133436 A1 35 G06F-017/60

Abstract (Basic): US 20020133436 A1

NOVELTY - The user selects the **charitable** donations in either the current or previous tax year, and the corresponding tax deductible valuation is retrieved from a memory. The selected donation tax year and the corresponding retrieved information are stored in the memory.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the

following:

- (1) Tax deductible value determination system;
- (2) Fair market value determination system; and
- (3) Charitable donation tracking and recording method.
- USE For tracking charitable donations made to various charitable organizations for assisting in tax preparation.

ADVANTAGE - Encourages users to donate by informing tax savings by making charitable donations. Eliminates manual calculation of tax savings and monitoring of donations, since the tax savings are calculated and stored automatically.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the charitable donation tracking system.

pp; 35 DwgNo 2/23

Title Terms: TRACK; METHOD; ASSIST; TAX; PREPARATION; RETRIEVAL; TAX; VALUE; CORRESPOND; SELECT; CURRENT; TAX; YEAR

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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013998950

WPI Acc No: 2001-483165/200152

XRPX Acc No: N01-357643

Computer implemented method of analyzing donor investment portfolios to identify assets for transfer to charities for most efficient tax treatment under USA tax law

Patent Assignee: ASSETSTREAM CORP (ASSE-N)

Inventor: JOHNSON D E; STEWARD D A

Number of Countries: 094 Number of Patents: 003

Patent Family:

Kind Date Applicat No Date Patent No Kind 200152 B A2 20010726 WO 2001US2121 Α 20010122 WO 200153979 200168 20000121 US 20010037275 A1 20011101 US 2000177722 Ρ US 2001767031 20010122 Α

AU 200127971 A 20010731 AU 200127971 A 20010122 200171

Priority Applications (No Type Date): US 2000177722 P 20000121; US 2001767031 A 20010122

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200153979 A2 E 47 G06F-017/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW US 20010037275 A1 G06F-017/60 Provisional application US 2000177722

AU 200127971 A G06F-017/00 Based on patent WO 200153979

Abstract (Basic): WO 200153979 A2

NOVELTY - The computer is programmed to calculate all unrealized gains from a portfolio and calculates the tax savings achievable by transferring each individual asset in the portfolio. Assets are then selected automatically on the basis of predetermined criteria to make up a desired gift on the basis of those giving the greatest tax advantage to the donor. The process may be extended to purchasing similar assets following asset transfers, e.g. by repurchasing the asset transferred to the charity. All transfers and sales may be completed electronically. For transfers from a limited partnership, including a hedge fund, the amount of unrealized gain accruing to the owner of partnership units is calculated and all money allocated to that owner over and above the unrealized gain is withdrawn while at least part of the units representing the unrealized gain are transferred to a charity.

USE - Charity giving.

ADVANTAGE - Maximizes tax advantages under USA law.

pp; 47 DwgNo 0/5

Title Terms: COMPUTER; IMPLEMENT; METHOD; DONOR; INVESTMENT; PORTFOLIO;

IDENTIFY; TRANSFER; EFFICIENCY; TAX; TREAT; TAX; LAW

Derwent Class: T01

International Patent Class (Main): G06F-017/00; G06F-017/60

File Segment: EPI

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13/5/1
           (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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            **Image available**
015562970
WPI Acc No: 2003-625126/200359
XRPX Acc No: N03-497373
  Internet based charitable donation provision method involves giving
 portion of fee to donor advised account to benefit community
  foundation with proceeds of account
Patent Assignee: G LLC (GGGG-N)
Inventor: CANNEY M L
Number of Countries: 095 Number of Patents: 003
Patent Family:
                                          Kind
                                                           Week
Patent No '
            Kind
                     Date
                             Applicat No
                                                  Date
                                                          200359
                                                19990604
              B1 20030617 US 99325971
                                           Α
US 6581041
                                                20020404
                                                          200378
                                                                  N
              A1 20031016 WO 2002US10641 A
WO 200385575
                                                          200436 N
AU 2002247480 A1 20031020 AU 2002247480 A
                                                 20020404
                             WO 2002US10641 A
                                                 20020404
Priority Applications (No Type Date): US 99325971 A 19990604; WO
  2002US10641 A 20020404; AU 2002247480 A 20020404
Patent Details:
                         Main IPC
                                     Filing Notes
Patent No Kind Lan Pg
                     7 G06F-017/60
US 6581041
             В1
WO 200385575 A1 E
                       G06F-017/60
   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH
   CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
   RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
                       G06F-017/60 Based on patent WO 200385575
AU 2002247480 A1
Abstract (Basic): US 6581041 B1
        NOVELTY - A donor makes a payment over Internet with embedded fee
    structure. A community foundation is selected by the donor over the
    Internet. A portion of the fee is given to a donor advised account
    in which the donor directs investment to benefit the foundation
    with proceeds of the account.
        USE - For providing charitable donations. Also applicable for
    trusts, individual retirement annuities (IRAs), life insurance,
    annuities.
        ADVANTAGE - An investor can help charity and can save on taxes,
        DESCRIPTION OF DRAWING(S) - The figure shows flowchart of method of
     charitable investing/purchasing.
        pp; 7 DwgNo 1/54
Title Terms: BASED; PROVISION; METHOD; PORTION; FEE; DONOR; ADVICE; ACCOUNT
  ; BENEFICIAL; COMMUNAL; FOUNDATION ; PROCEED; ACCOUNT
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI
            (Item 2 from file: 350)
 13/5/2
DIALOG(R) File 350: Derwent WPIX
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014220955

\*\*Image available\*\*

WPI Acc No: 2002-041653/200205

XRPX Acc No: N02-030877

Charity donation method involves accessing acceptor account by donor

to track purchase and transactions involving account

Patent Assignee: CLASSROOM GIFTS INC (CLAS-N); MULL G W M (MULL-I)

Inventor: MULL G W M; MULL G

Number of Countries: 094 Number of Patents: 003

Patent Family:

Date Kind Patent No Date Applicat No Kind WO 2001US15222 A 20010510 200205 A2 20011115 WO 200186564 20010510 200219 20011120 AU 200161427 Α AU 200161427 Α US 20040039649 A1 20040226 WO 2001US15222 A 20010510 200416 US 2002275747 Α 20021108

Priority Applications (No Type Date): US 2000203003 P 20000510; US 2002275747 A 20021108

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200186564 A2 E 23 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200161427 A G06F-017/60 Based on patent WO 200186564

US 20040039649 A1 G06F-017/60

Abstract (Basic): WO 200186564 A2

NOVELTY - The charity donation method involves opening an account in the name of acceptor, so as to receive donation from donor. The donation deposited in the account, is used to cover purchase made by the acceptor. The donor is able to access account of acceptor, so that donor tracks the purchase and transactions involving the account.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Computer readable medium with charity donation program;
- (b) Charitable donation system

USE - Use for donating funds by parents or relatives for their child's classroom, for making donations for targeted purposes to specific **charitable** organization, for donation by a child's sport team or club to an international relief organization, or for donation by a family **foundation**, corporation and public **charity** for a general cause.

ADVANTAGE - Donor awareness about the usage of donation money is increased, by providing **donor** with access to acceptor's **account**.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of

processes implemented in charity donation system.

pp; 23 DwgNo 2/3

Title Terms: METHOD; ACCESS; ACCEPT; ACCOUNT; DONOR; TRACK; PURCHASE;

TRANSACTION; ACCOUNT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010987802 \*\*Image available\*\*
WPI Acc No: 1996-484751/199648
Related WPI Acc No: 1997-244240

XRPX Acc No: N96-408442

Post card bank cheque for charitable donations - comprises book of card cheques with perforation lines and having designated areas on card for bank and user information, also has removable strip for concealing account details

Patent Assignee: ALCORDO I S (ALCO-I)

Inventor: ALCORDO I S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Applicat No Kind Date Week Date Patent No Kind 19961022 US 94270736 A 19940705 199648 B US 5566981 Α 19950323 US 95409159 Α

Priority Applications (No Type Date): US 95409159 A 19950323; US 94270736 A 19940705

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5566981 A 8 B42D-015/00 CIP of application US 94270736

Abstract (Basic): US 5566981 A

The post card bank cheques (10) comprise sheets of card stock having a face side and a reverse side and two perforation lines (24,31) for separating portions of the card stock into three severable parts. There is an image of a check printed on the face side of the first part and the image includes cheque information items, e.g. the check number (11), the addressee's name and address (12), the amount of the donation (14), the address of the financial institution (15), the account number (16) and the donor 's signature and date (21).

On the reverse side of the postcard is an image which includes a notice signifying space for donor's name and address, a note to caution the donor and a space for the addressee's endorsement. The account number is concealed by a removable overlay during mail processing for security reasons.

ADVANTAGE - Enables donor to give to **charities** without paying for postage stamps in the U.S.A. Stops need to write many personal cheques. Eliminates use of envelopes when donating to **charity**.

Dwq.2/4

Title Terms: POST; CARD; BANK; CHEQUE; COMPRISE; BOOK; CARD; CHEQUE; PERFORATION; LINE; DESIGNATED; AREA; CARD; BANK; USER; INFORMATION; REMOVE; STRIP; CONCEAL; ACCOUNT; DETAIL

Derwent Class: P76

International Patent Class (Main): B42D-015/00

File Segment: EngPI

DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. 013998950 WPI Acc No: 2001-483165/200152 XRPX Acc No: N01-357643 Computer implemented method of analyzing donor investment portfolios to identify assets for transfer to charities for most efficient tax treatment under USA tax law Patent Assignee: ASSETSTREAM CORP (ASSE-N) Inventor: JOHNSON D E ; STEWARD D A Number of Countries: 094 Number of Patents: 003 Patent Family: Applicat No Kind Date Week Kind Date Patent No WO 200153979 A2 20010726 WO 2001US2121 A 20010122 200152 B US 20010037275 A1 20011101 US 2000177722 Ρ 20000121 200168 US 2001767031 20010122 Α 20010122 200171 20010731 AU 200127971 Α AU 200127971 A Priority Applications (No Type Date): US 2000177722 P 20000121; US 2001767031 A 20010122 Patent Details: Main IPC Patent No Kind Lan Pg Filing Notes WO 200153979 A2 E 47 G06F-017/00 Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH  $\bar{\text{CN}}$  CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW US 20010037275 A1 G06F-017/60 Provisional application US 2000177722 G06F-017/00 Based on patent WO 200153979 AU 200127971 A Abstract (Basic): WO 200153979 A2 NOVELTY - The computer is programmed to calculate all unrealized gains from a portfolio and calculates the tax savings achievable by transferring each individual asset in the portfolio. Assets are then selected automatically on the basis of predetermined criteria to make up a desired gift on the basis of those giving the greatest tax advantage to the donor. The process may be extended to purchasing similar assets following asset transfers, e.g. by repurchasing the asset transferred to the charity . All transfers and sales may be completed electronically. For transfers from a limited partnership, including a hedge fund, the amount of unrealized gain accruing to the owner of partnership units is calculated and all money allocated to that owner over and above the unrealized gain is withdrawn while at least part of the units representing the unrealized gain are transferred to a charity . USE - Charity giving. ADVANTAGE - Maximizes tax advantages under USA law. pp; 47 DwgNo 0/5 Title Terms: COMPUTER; IMPLEMENT; METHOD; DONOR; INVESTMENT; PORTFOLIO; IDENTIFY; TRANSFER; EFFICIENCY; TAX; TREAT; TAX; LAW Derwent Class: T01 International Patent Class (Main): G06F-017/00; G06F-017/60

(Item 1 from file: 350)

15/5/1

File Segment: EPI

15/5/2 (Item 2 from file: 350) DIALOG(R) File 350: Derwent WPIX

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010957357 \*\*Image available\*\* WPI Acc No: 1996-454307/199645

XRPX Acc No: N96-383002

Reusable shipping container for hanging parts e.g. glass run channels - has pair of parallel slides fixed to frame, with series of hanging separators slidably captured on slides

Patent Assignee: GENERAL MOTORS CORP (GENK )
Inventor: ARPIN G M; JOHNSON D; SMITH P R
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week US 5560507 A 19961001 US 95492313 A 19950619 199645 B

Priority Applications (No Type Date): US 95492313 A 19950619

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5560507 A 10 B65D-085/48

Abstract (Basic): US 5560507 A

The container comprises a frame providing a solid **foundation**, a pair of generally parallel slides fixed to the frame and spaced closely enough to allow the parts 'open sides to pass freely therefor and spaced sufficiently far apart so as to be slidably engage the parts' closed sides and support the parts in a stable hanging orientation.

There are a series of hanging separators slidably captured on the slides and having just sufficient thickness and area to insulate the parts one from another as they hang on the slides. The parts may be placed in the container by inserting their open sides down over the slides, with a respective separator located between each adjacent pair of parts, and slid along with the separators to a packing position on the slides, and later removed from the container by lifting them off of the slides and from between the separators, without discarding or removing any part of the container.

ADVANTAGE - Provides improved packing density, better part protection, easier packing and unpacking, and complete reusability of the container.

Dwg.3/6

Title Terms: REUSE; SHIPPING; CONTAINER; HANG; PART; GLASS; RUN; CHANNEL; PAIR; PARALLEL; SLIDE; FIX; FRAME; SERIES; HANG; SEPARATE; SLIDE; CAPTURE . SLIDE

Derwent Class: Q34

International Patent Class (Main): B65D-085/48

File Segment: EngPI

15/5/3 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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004502828

WPI Acc No: 1986-006172/198601

XRPX Acc No: N86-004435

On-site construction of concrete slab buildings - with access slots through ceiling slabs for installing hingeable connectors

Patent Assignee: JOHNSON D W (JOHN-I)

Inventor: JOHNSON D W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week US 4557099 A 19851210 US 83519082 A 19830801 198601 B

Priority Applications (No Type Date): US 83519082 A 19830801

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4557099 A 10

Abstract (Basic): US 4557099 A

Access slots are provided through the ceiling slabs so that when the ceiling slabs are lifted over a group of wall slabs connection devices can be inserted down through the ceiling slabs to engage the hinge edges of the wall slabs. The assembled ceiling slab has its wall slabs elevated to form a module which is placed upon the **foundation** slab.

Successive layers of ceiling slab sections are lifted with their related wall sections until the building is erected. The stacks of walls and ceiling slabs are so located to minimise the movement of the lift. Walls are lifted simultaneously and are closely coupled with the ceiling slabs so that the position of the wall is under control at all times. The walls may be cast underlying a ceiling section or may be cast extending outward beyond the edge of the ceiling slab. An underlying cast wall is combined with an outward cast wall may be used to form a corner.

USE - Method of on-site casting of stacks of wall slabs and nearby stacks of ceiling slabs with both stacks near the **foundation** slab for the building.

1/14

Title Terms: SITE; CONSTRUCTION; CONCRETE; SLAB; BUILD; ACCESS; SLOT;

THROUGH; CEILING; SLAB; INSTALLATION; HINGE; CONNECT

Derwent Class: Q43; Q46

International Patent Class (Additional): E04B-001/34; E04G-021/14

File Segment: EngPI

15/5/4 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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004362439

WPI Acc No: 1985-189317/198531

XRPX Acc No: N85-142111

Method of constructing precast concrete building - involves placing columns on foundation to support slab used for concrete pouring

Patent Assignee: JOHNSON D W (JOHN-I)

Inventor: JOHNSON D W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week US 4528793 A 19850716 US 82427815 A 19821217 198531 B

Priority Applications (No Type Date): US 82437815 A 19821217; US 82427815 A 19821217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4528793 A 5

Abstract (Basic): US 4528793 A

The method of constructing and erecting a concrete building includes constructing a **foundation** for the building, and erecting on top of the **foundation** at least two vertical load bearing column forms including reinforcing bars extending downward into the **foundation**.

A precast floor slab for said building is formed to be divided into modules of such size that in the erected building, the module would be supported on at least two of said column forms. The slab is lifted on top of and lowered to bear on the column forms. Slab column holes are aligned with the column forms. The slab forms a working platform for workmen. Column reinforcing steel is inserted downwards into the column holes and into the column forms. This is followed by pouring concrete downward through the column holes to fill the column forms

Title Terms: METHOD; CONSTRUCTION; PRECAST; CONCRETE; BUILD; PLACE; COLUMN;

FOUNDATION; SUPPORT; SLAB; CONCRETE; POUR

Derwent Class: Q43

International Patent Class (Additional): E04B-001/34

File Segment: EngPI

15/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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004222628

WPI Acc No: 1985-049507/198508

XRPX Acc No: N85-036873

Construction of foldable module stadium - has girders hinged to foundation to support raised flooring segments assembled in curve

Patent Assignee: JOHNSON D W (JOHN-I)

Inventor: JOHNSON D W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
US 4497154 A 19850205 US 82437812 A 19821217 198508 B

Priority Applications (No Type Date): US 82437812 A 19821217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4497154 A 7

Abstract (Basic): US 4497154 A

The inner end of a module is coincident with the stadium inner perimeter and the outer end of the module a distance away equal to the developed length of the side edges measured along the side edges. The length of the outer end of the module is equal to the length between the side edges measured at the outer perimeter of the stadium. A girder is constructed having inner and outer ends along each side of each module, with the inner ends of the girders secured by hinges to the foundation .

At least one supportive element between the girders is pivotally connected to the girders. The length of the supportive element is equal to the erected height of the girders at the pivot connection of the supportive element. The outer ends of the girders are elevated, causing rotation due to gravity of the supportive element to a supportive position. The supportive element is secured on the **foundation** so that the girders are secured in an inclined position.

USE - Precast stadium construction.

1/8

Title Terms: CONSTRUCTION; FOLD; MODULE; STADIUM; GIRDER; HINGE;

FOUNDATION ; SUPPORT; RAISE; FLOOR; SEGMENT; ASSEMBLE; CURVE

Derwent Class: Q46
International Patent Class (Additional): E04G-021/00; E04H-003/10

File Segment: EngPI